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(11) EP 0 860 521 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 26.05.1999 Bulletin 1999/21

(43) Date of publication A2: 26.08.1998 BulletIn 1998/35

(21) Application number: 97122387.0

(22) Date of filing: 18.12.1997

(51) Int. Cl.⁶: **D01D 5/34**, D01D 5/24, D01D 5/253, D01F 8/12, D01F 8/06

(84) Designated Contracting States:

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States: AL LT LV MK RO SI

(30) Priority: 10.01.1997 US 34748 P

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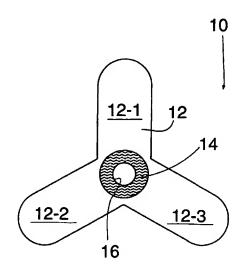
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(54) Hollow bicomponent filaments and methods of making same

(57) Novel bicomponent fibers have a sheath domain and an core domain which is embedded entirely within, and thereby completely surrounded by, the polyamide domain. The core domain is annular and defines a longitudinally extending central void. The preferred bicomponent fibers have a sheath-core structure wherein the polyamide domain constitutes the sheath and a fiber-forming polyolefin polymer constitutes the core. The preferred trilobal bicomponent fibers will exhibit a modification ratio of between 2 to 4, an arm angle of between 7° to about 35°, and a total cross-sectional void area between about 3 and about 10 percent. Each lobe of the fiber may optionally contain a lobal void space which, if present, is preferably radially elongate in cross section.





EUROPEAN SEARCH REPORT

Application Number

EP 97 12 2387

Category	Citation of document with ind of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.5)
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				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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Place of search THE HAGUE		Date of completion of the sear 21 March 1999	1	Examiner lemans, W
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 97 12 2387

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21-03-1999

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